

# EAST Search History

10/820, 822

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	66	(fuel with cell) and (sensor with volume with change)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 13:39
S2	4	429/22.ccls. and (fuel with cell) and (sensor with volume with change)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 14:18
S3	1	429/22.ccls. and (fuel with diluent with stor\$4) and (fuel with stor\$4) and (sensor with concentration) and (control with unit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 14:21
S4	2	429/22.ccls. and (fuel with diluent with stor\$4) and (sensor with concentration) and (controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 14:28
S5	3	429/22.ccls. and (fuel with diluent with stor\$4) and (sensor with concentration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:46
S6	3	429/22.ccls. and (fuel with diluent with stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 14:26
S7	5	"429".clas. and (fuel with diluent with stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 14:27
S8	4	"429"/.clas. and (fuel with diluent with stor\$4) and (sensor with concentration) and (controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 14:28
S9	5	"429".clas. and (fuel with diluent with stor\$4) and (sensor with concentration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 14:28
S10	39	"429".clas. and (fuel with by\$1product with stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 14:44
S11	36	"429".clas. and (water with by\$product with stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 15:15
S12	27	"429".clas. and (water with (recycle recir\$7) with stor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/01 15:30
S13	25	"6303244"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 15:54

## EAST Search History

S14	18	("4125676"   "4350608"   "4395322"   "4526843"   "4728533"   "4738903"   "4745953"   "4766043"   "4810597"   "4824739"   "5013618"   "5225391"   "5294232"   "5294580"   "5335628"   "5415888"   "5561000"   "5928807").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/01 15:41
S15	22	("4420544"   "4629664"   "4657828"   "4659634"   "5165483"   "5573866"   "5599638"   "5773162"   "5795496"   "5945231"   "5985474"   "5992008"   "6146781"   "6254748"   "6265093"   "6303244"   "6387559"   "6420059"   "6429019"   "6497975"   "6503651"   "6534210").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/01 15:45
S16	10	("20010045364"   "20020076589"   "20020119353"   "5030356"   "5266206"   "5976346"   "6207306"   "6303244"   "6403248"   "6686081").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/01 15:51
S17	3	(("6303244") or ("6488837") or ("6306285")).PN.	USPAT; USOCR	OR	OFF	2006/12/03 13:13
S18	27	("3410780"   "3464008"   "3480520"   "4003705"   "4025412"   "4575410"   "4629664"   "4744954"   "4752361"   "4875900"   "5118398"   "5151166"   "5173166"   "5322602"   "5518830"   "5599638"   "5773162"   "5897766").PN. OR ("6306285").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/03 12:52
S19	5	("3425873"   "3542597"   "4195118").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/03 13:00
S20	9	("5060507"   "5176320"   "5537854"   "5581014"   "5868859"   "5936160"   "6067840"   "6306285"   "6308572").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/03 13:04
S21	21	("3410780"   "3464008"   "3480520"   "4003705"   "4025412"   "4575410"   "4629664"   "4744954"   "4752361"   "4875900"   "5118398"   "5151166"   "5173166"   "5322602"   "5518830"   "5599638"   "5773162"   "5897766").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/03 13:04
S22	6	(("6303244") or ("6488837") or ("6306285")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/03 13:14
S23	2	"200123874"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/03 13:15
S24	1	2001-290530.NRAN.	DERWENT	OR	OFF	2006/12/03 13:18
S25	66	(fuel with cell) and (sensor with volume with change)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 14:18

## EAST Search History

S26	9	(fuel with cell) and (concentration with sensor with volume with change)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 14:24
S27	1	2004-727998.NRAN.	DERWENT	OR	OFF	2006/12/03 14:19
S28	323	(fuel with cell) and (concentration with sensor with change)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 14:49
S29	6	"6527943"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 14:43
S30	160	(fuel with cell) and (sensor with substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 16:21
S31	9	(fuel with cell) and (sensor with substrate with pressure with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 14:54
S32	80	(fuel with cell) and (sensor with pressure with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 15:43
S33	12	(fuel with cell) and (sensor with pressure with film with volume)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 14:55
S34	19	(fuel with cell) and (sensor with expansion with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 16:12
S36	3	(fuel with cell) and (sensor with change with volume with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 16:21
S37	1	(fuel with cell) and ((sensor with substrate with film) same volume same concentration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 16:22
S38	22	(fuel with cell) and ((sensor with substrate with film) same concentration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 16:45
S39	56	"73".clas. and ((sensor with substrate with film) same concentration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 16:54
S40	225	"73".clas. and ((sensor with substrate with film) same pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 16:54

## EAST Search History

S41	77	"73".clas. and ((sensor with substrate with film) same electrode same pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 16:56
S42	5	"73".clas. and ((sensor with substrate with film) same electrode same pressure same concentration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 16:59
S43	0	"73".clas. and ((sensor with substrate with film) same electrode same pressure) and (polymeric with ion with exchange)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 17:00
S44	0	"73".clas. and ((sensor with substrate with film) same electrode) and (polymeric with ion with exchange)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 17:01
S45	3	((sensor with substrate with film) same electrode) and (polymeric with ion with exchange)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/03 17:01
S46	1	"20020056136"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/03 17:33
S47	0	2002/0056136	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/03 18:08
S48	1	"9845694"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/03 18:09
S49	3466625	EP "0181569"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/03 18:09
S50	0	"EP0181569"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/03 18:10
S51	3	"0181569"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/03 18:15
S52	3	"0072038"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/03 18:17
S53	12	"984569"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/03 18:19

## EAST Search History

S54	62	(fuel with cell) and (sensor with change with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 09:38
S55	163	(fuel with cell) and ((indicator sensor) with substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 10:02
S56	22	(fuel with cell) and (((indicator sensor) with substrate with film) same concentration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 09:41
S57	0	(fuel with cell) and (((indicator sensor) with substrate with film) same methanol)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 09:43
S58	4	(fuel with cell) and (((indicator sensor) with substrate with film) same expan\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 10:05
S59	5	(fuel with cell) and (((indicator detector sensor) with substrate with film) same expan\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 10:08
S60	234	(((indicator detector sensor) with substrate with film) same expan\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 10:08
S61	10	(((indicator detector sensor) with substrate with film) same concentration same expan\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 10:22
S62	7	("4260978"   "4333067"   "4477487"   "4507643"   "4536241"   "4592967"   "4614669").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/06 10:13
S63	770	((indicator detector sensor) with substrate with pressure with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 10:22
S64	24	((indicator detector sensor) with substrate with pressure with film) same expan\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 11:31
S65	9	("4390925"   "4415948"   "4550612"   "4612599"   "4996627"   "5635649").PN. OR ("6725724").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/06 10:39
S66	0	((indicator detector sensor) with substrate with pressure with film) same expan\$5 same concent\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 11:32
S67	1	((indicator detector sensor) with substrate with pressure with film) same expan\$5 same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 11:32

## EAST Search History

S68	10	((indicator detector sensor) with substrate with film) same expan\$5 same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 11:35
S69	460	((indicator detector sensor) with substrate with film) same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 11:36
S70	36	((indicator detector sensor) with substrate with film) same concentr\$6 same pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 12:02
S71	12	((indicator detector sensor) with substrate with film) same concentr\$6 same volume	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 12:16
S72	1	((indicator detector sensor) with substrate with film) same concentr\$6 same (volume with change)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 12:11
S73	11	((indicator detector sensor) with substrate with film) same concentr\$6 same pressure same change	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 12:14
S74	1	((indicator detector sensor) with substrate with film) same concentr\$6 same volume same change	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 12:16
S75	1102	429/22.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:46
S76	1	429/22.ccls. and ((indicator detector sensor) with substrate with film) same concentr\$6 same (volume with change)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 13:58
S77	1	429/22.ccls. and ((indicator detector sensor) with substrate with film) same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:00
S78	1	H01M008/04 and ((indicator detector sensor) with substrate with film) same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:10
S79	1	H01M008/12 and ((indicator detector sensor) with substrate with film) same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:12
S80	1	H01M008\$8 and ((indicator detector sensor) with substrate with film) same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 13:59

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S81	0	H01M008 and ((indicator detector sensor) with substrate with film) same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 13:59
S82	1	H01M008\$ and ((indicator detector sensor) with substrate with film) same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:00
S83	2	429/22.ccls. and ((indicator detector sensor) with substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:02
S84	1201	"73".clas. and ((indicator detector sensor) with substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:21
S85	66	"73".clas. and ((indicator detector sensor) with substrate with film) same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:17
S86	72	"204".clas. and ((indicator detector sensor) with substrate with film) same concentr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:08
S87	1	"204".clas. and ((indicator detector sensor) with substrate with film) same concentr\$6 same volume	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:09
S88	0	"205".clas. and ((indicator detector sensor) with substrate with film) same concentr\$6 same volume	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:09
S89	6	H01M008/04 and ((indicator detector sensor) with substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:41
S90	6	H01M008/12 and ((indicator detector sensor) with substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:12
S91	2	("6242120").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/06 14:18
S92	6	(("6242120") or ("6242118") or ("6368492")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/06 14:19
S93	3	("6294277").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/06 14:19

## EAST Search History

S94	5	"73".clas. and ((indicator detector sensor) with substrate with film) and (diluent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:21
S95	j	429/22.ccls. and ((indicator detector sensor) with substrate with film) and (diluent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:22
S96	0	429/22.ccls. and ((indicator detector sensor) with substrate with film) and (water with (recyle recip\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:23
S97	1	429/22.ccls. and ((indicator detector sensor) with substrate with film) and water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:47
S98	231	429/22.ccls. and (concentration with (detect indicator sensor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:33
S99	7	429/22.ccls. and (concentration with (detect indicator sensor)) and (substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:34
S100	8	H01M008/04 and (concentration with (detect indicator sensor)) and (substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:42
S101	0	429/12.ccls. and (fuel with diluent with stor\$4) and (sensor with concentration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:46
S102	1041	429/12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:46
S103	1	429/12.ccls. and ((indicator detector sensor) with substrate with film) and water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:47
S104	1	429/12.ccls. and ((indicator detector sensor) with substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:47
S105	2	429/17.ccls. and ((indicator detector sensor) with substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:48
S106	0	429/34.ccls. and ((indicator detector sensor) with substrate with film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 14:48

## EAST Search History

S10 7	15931	sensor same (polyether ether sulfone sulfonic acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 15:55
S10 8	0	sensor with (polyether with ether with sulfone with sulfonic with acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 15:56
S10 9	0	sensor with (polyether with sulfone with sulfonic with acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 15:56
S11 0	2	sensor with (polyether with sulfonic with acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 15:57
S11 1	102	sensor with (sulfonated with polyolefin polysulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 15:58
S11 2	1	sensor with (sulfonated with polyolefin polysulfone) with concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 15:59
S11 3	0	sensor with (sulfonated with polyolefin polysulfone) with methanol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 15:59
S11 4	0	sensor with (sulfonated with polyolefin polysulfone) same methanol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 15:59
S11 5	4	sensor with (sulfonated with polyolefin polysulfone) same concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:02
S11 6	19	sensor same (sulfonated with polyolefin polysulfone) same concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:13
S11 7	0	sensor same (polystyrene with sulfonic with acid) same concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:17
S11 8	4	sensor same (polystyrene with sulfonic with acid) same concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:32
S11 9	13	("4721601"   "4820595"   "5145645"   "5208301"   "5250163"   "5252292"   "5331287"   "5417150"   "5536473"   "5556700"   "5585038"   "5624605"   "5756879").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/16 16:31

## EAST Search History

S12 0	1	sensor same (polystyrene with sulfonic with acid) same methanol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:32
S12 1	4	sensor same (polystyrene with sulfonic with acid) same resin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:33
S12 2	77	concentration same (polystyrene with sulfonic with acid) same resin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:37
S12 3	281	concentration same (sulfonated with polyolefin polysulfone) same resin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:38
S12 4	3	concentration same (sulfonated with polyolefin polysulfone) same resin same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:41
S12 5	2	concentration same (sulfonated with poly\$1olefin poly\$1sulfone) same resin same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:41
S12 6	2	methanol same (sulfonated with poly\$1olefin poly\$1sulfone) same resin same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:55
S12 7	0	methanol same (polyether with sulfone with sulfonic with acid) same resin same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:44
S12 8	0	(polyether with sulfone with sulfonic with acid) same resin same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:44
S12 9	0	(polyether with sulfonic with acid) same resin same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:44
S13 0	117	(sulfonic with acid) same resin same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:49
S13 1	0	(sulfonic with acid with poly\$1ether) same resin same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:00
S13 2	13	(sulfonic with acid) same resin same (indicator detector sensor) same concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:46

## EAST Search History

S13 3	7	methanol same (sulfonic with acid) same resin same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:49
S13 4	6	methanol same (sulfonated with poly\$1olefin poly\$1sulfone) same (indicator detector sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 16:56
S13 5	24	("2790081"   "2852693"   "3729264"   "4286327"   "4296324"   "4297579"   "4383181"   "4391253"   "4503994"   "4567366"   "4577970"   "4587427"   "4594510"   "4594968"   "4596931"   "4647776"   "4749274"   "4770129"   "4771176"   "4772790"   "4800279"   "4808825").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/16 16:58
S13 6	263	(sulfonic with acid with poly\$1ether) same resin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:01
S13 7	1	(sulfonic with acid with poly\$1ether) same resin same (expand swell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:01
S13 8	2	(sulfonic with acid with poly\$1ether) same resin same (expan\$5 swell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:02
S13 9	0	(sulfonated with poly\$1olefin) same resin same (expan\$5 swell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:03
S14 0	2	(sulfonated with poly\$1olefin) same (expan\$5 swell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:03
S14 1	6	("3375208"   "3821127"   "4256845"   "4265959").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/16 17:08
S14 2	37	nafion same sulf\$5 same sensor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/16 17:09
S14 3	38	nafion same sulf\$5 same sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/16 17:09
S14 4	48	nafion same sulf\$5 same sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:21
S14 5	1072	sulf\$5 same sensor same concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:22

## EAST Search History

S14 6	13	sulf\$5 same sensor same concentration same resin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:24
S14 7	7	methanol same sensor same concentration same resin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:30
S14 8	1	methanol same sensor same concentration same sulfonic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:30
S14 9	1	methanol same sensor same concentration same sulfonated	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:30
S15 0	0	methanol same sensor same concentration same polystyrene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:30
S15 1	4	methanol same sensor same concentration same polystyrene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 17:30
S15 2	131	sensor with ion with conductive with polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/18 13:28
S15 3	12	(sensor with ion with conductive with polymer) same sulf\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/18 13:43
S15 4	7	(sensor with ion with conductive with polymer) same sulfonic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/18 13:44
S15 5	5	(sensor with ion with conductive with polymer) same sulfonated	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/18 13:53
S15 6	1	(sensor with polyolefin with sulfonated)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/18 13:58
S15 7	13	(sensor with polystyrene with sulfonic with acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/18 14:04
S15 8	4	(sensor with methanol with sulfon\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/18 14:04